

FIG. 1 is a cross-sectional view of a mechanical assembly, likely a valve or actuator. The assembly is shown in a cross-section, revealing internal components. A central shaft (18) passes through the assembly. On the left, a force F_1 is applied to the shaft. On the right, a force F_2 is applied. The assembly includes a housing (2) with a central opening (4). A piston (12) is located within the opening, and a valve (14) is positioned to the right of the piston. The valve is connected to the piston via a stem (22). The valve is shown in a closed position, blocking the flow of fluid (62) from the left. The piston is shown in a closed position, blocking the flow of fluid (64) from the right. The assembly is shown in a cross-section, revealing internal components. A central shaft (18) passes through the assembly. On the left, a force F_1 is applied to the shaft. On the right, a force F_2 is applied. The assembly includes a housing (2) with a central opening (4). A piston (12) is located within the opening, and a valve (14) is positioned to the right of the piston. The valve is connected to the piston via a stem (22). The valve is shown in a closed position, blocking the flow of fluid (62) from the left. The piston is shown in a closed position, blocking the flow of fluid (64) from the right. The assembly is shown in a cross-section, revealing internal components. A central shaft (18) passes through the assembly. On the left, a force F_1 is applied to the shaft. On the right, a force F_2 is applied. The assembly includes a housing (2) with a central opening (4). A piston (12) is located within the opening, and a valve (14) is positioned to the right of the piston. The valve is connected to the piston via a stem (22). The valve is shown in a closed position, blocking the flow of fluid (62) from the left. The piston is shown in a closed position, blocking the flow of fluid (64) from the right.

Fig.2.

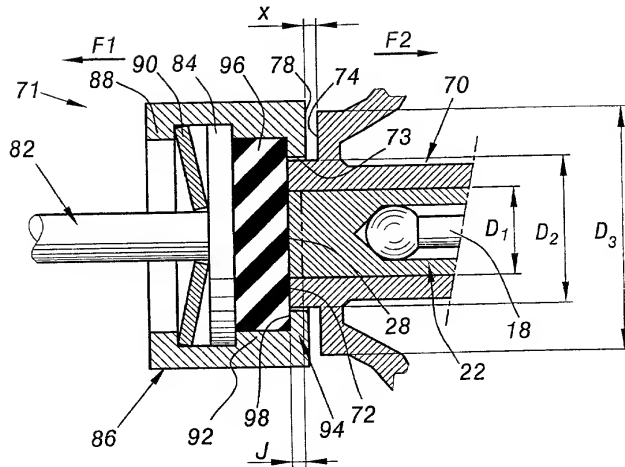


Fig.3.

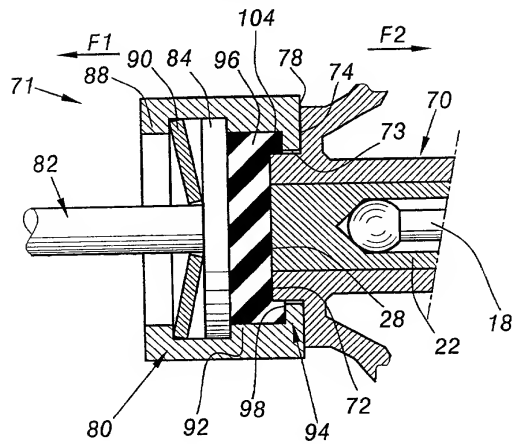


Fig.4.

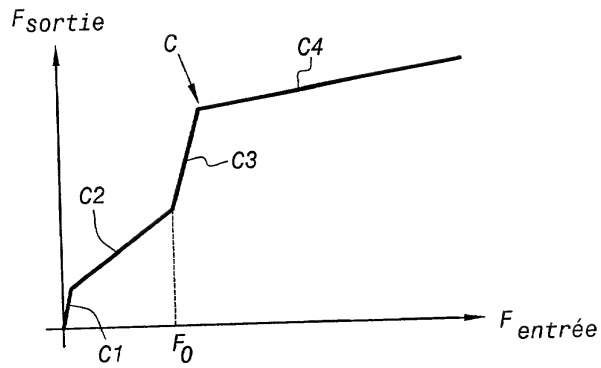


Fig.5.

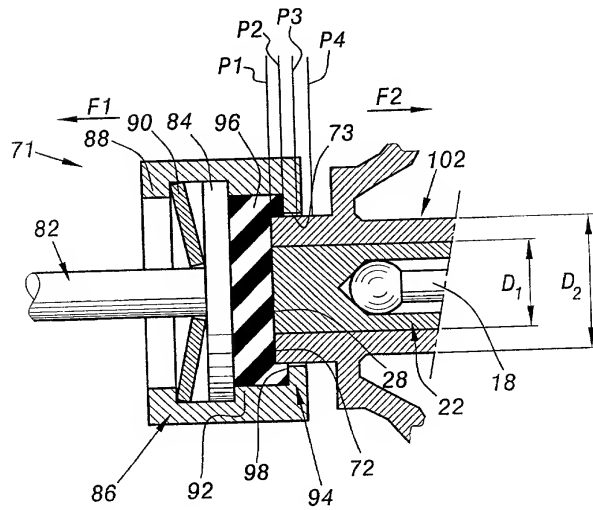


Fig.6.

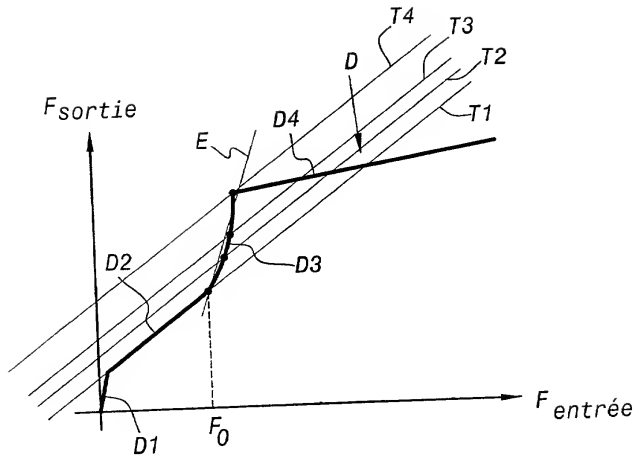


Fig.7.

